

Abstract

A system for generating priorities of manufacturing orders includes a priority calculating module (201), a priority revising module (202), a sorting module (203), and a document updating module (205). The priority calculating module is for determining calculated priorities of manufacturing orders in accordance with data on the manufacturing orders. The priority revising module is used to revise priorities of manufacturing orders to account for particular contingencies that arise, and to satisfy particular requirements or customers. The sorting module is used to display manufacturing orders in selected sequences for users. The document updating module is used to update data stored in a master list of manufacturing order (211) and in detailed records of manufacturing orders (212). A related method includes the steps of: (a) calculating a calculated priority of a manufacturing order; (b) revising a designated priority of a manufacturing order; and (c) displaying manufacturing orders in a selectable sequence.